

REMARKS

In view of the above amendments and following remarks, reconsideration and further examination are requested.

Attached hereto is a marked-up version of the page of the claim to which changes have been made by the current Amendment. The attached page is captioned "Version With Markings To Show Changes Made."

On April 15, 2003, a telephonic interview was conducted with Examiner Waks with regard to the above-identified application. The courtesies extended by Examiner Waks during this interview are greatly appreciated.

During the interview it was agreed that the application would be allowed if the subject matter of claims 3 and 4 were added to claim 2, while deleting from claim 2 the recitation that the plural cylindrical unit permanent magnets are rotationally fixed relative to one another. Accordingly, by the current Amendment the subject matter of claims 3 and 4 has been added to claim 2, and claim 2 has been amended to delete therefrom the recitation that the plural cylindrical unit permanent magnets are rotationally fixed relative to one another. Additionally, claims 3-7 have been cancelled.

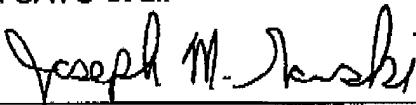
Accordingly, it is respectfully submitted that the application is now in condition for allowance, with the allowed claim being thrice amended claim 2.

If after reviewing this Amendment, the Examiner believes that any issues remain which must be resolved before the application can be passed to issue, the Examiner is invited to contact the Applicants' undersigned representative by telephone to resolve such issues

Respectfully submitted,

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2. A permanent magnet motor comprising:

a stator having stator teeth; and

a rotor coaxially inserted within said stator, wherein said rotor comprises a cylindrical permanent magnet including a composite block of plural cylindrical unit permanent magnets, each of said plural cylindrical unit permanent magnets having magnetically anisotropic orientation in a single diametrical direction perpendicular to a cylinder axis of said cylindrical permanent magnet, with each of said plural cylindrical unit permanent [unit] magnets being magnetized to have evenly disposed magnetic poles around a circumference of said cylindrical permanent magnet, [and with said plural cylindrical unit permanent magnets being rotationally fixed relative to one another,]

wherein said evenly disposed magnetic poles are k in number, with k being an even integer not smaller than 4 and not greater than 100, [and]

wherein said stator teeth are n in number, with n being equal to $3n_0$ when n_0 is a positive integer not exceeding 33, with the proviso that k is not equal to n [.] .

wherein a direction of diametrical orientation of each of said plural cylindrical unit permanent magnets forms a rotational displacement angle, within a plane that is perpendicular to said cylinder axis, with a direction of diametrical orientation of an immediately adjacent one of said plural cylindrical unit permanent magnets, and

wherein said rotational displacement angle is equal to 180° divided by the number of said plural cylindrical unit permanent magnets.

(Small entity status of this application is established by a Small Entity Status Assertion which
(is enclosed.
(has been previously submitted.

Respectfully submitted,

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